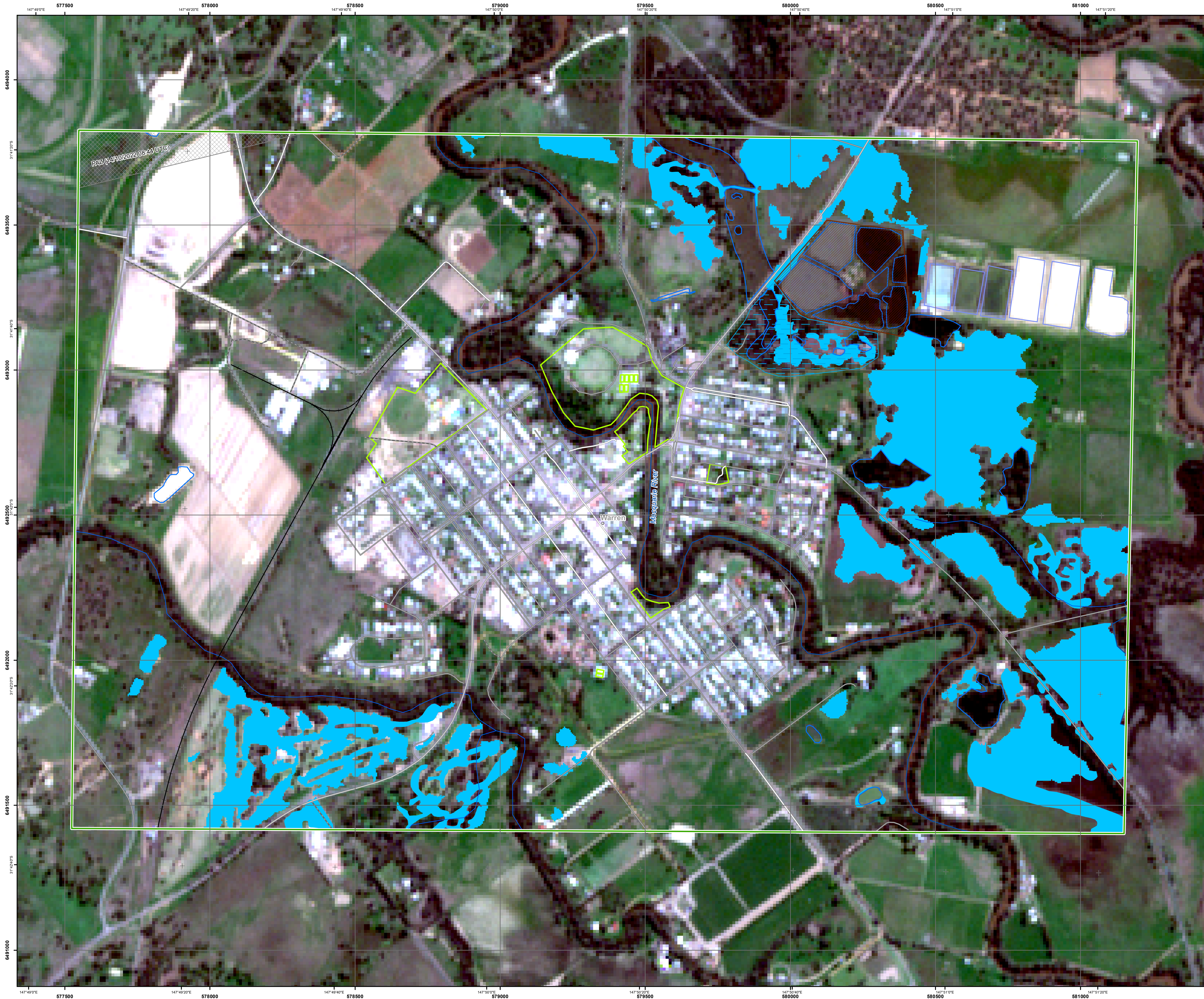


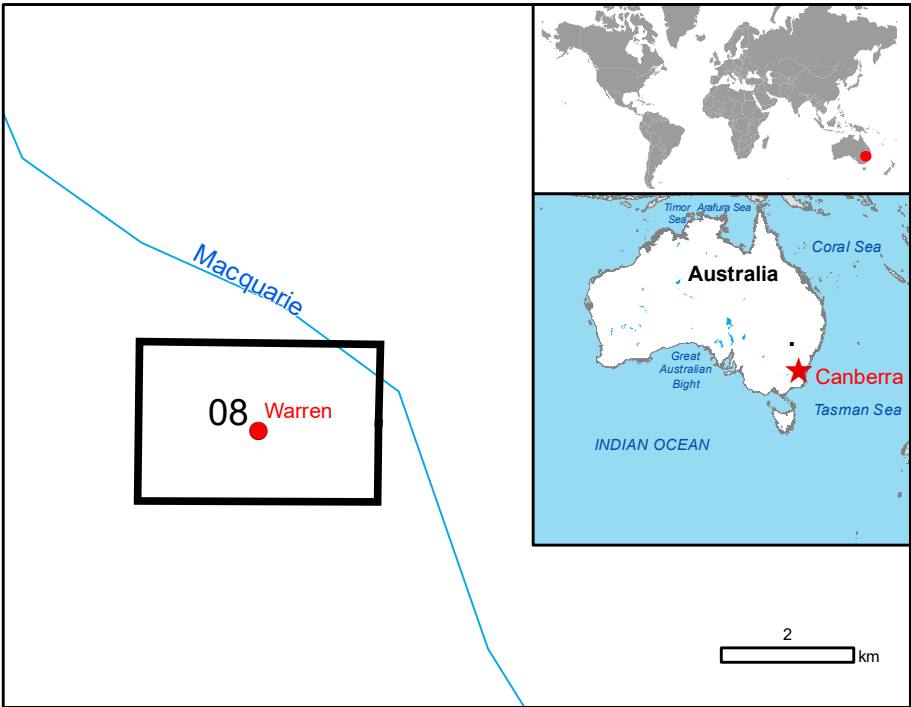


GLIDE number: N/A Activation ID: EMSR637
Int. Charter Act. ID: N/A Product N.: 08WARREN CITY, v1

Warren City - AUSTRALIA

Flood - Situation as of 14/10/2022

Delineation MONIT01 - Overview map 01



Cartographic Information

1:6000 Full color A1, 200 dpi resolution

0 0.15 0.3 0.6 km

Grid: WGS 1984 UTM Zone 55S map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend		
Crisis Information	Hydrography	Transportation
Flooded Area	River	Primary Road
Previous Flooded Area (13/10/2022 19:35 UTC)	Stream	Secondary Road
General Information	Lake	Local Road
Area of Interest	Land Subject to Inundation	Cart Track
Not Analysed	Reservoir	Long-distance railway
Placenames	River	Land Use - Land Cover
Placename	Facilities	Sport and recreation constructions
	Settling Basin	Features available in the vector package

Consequences within the AOI			Affected	Total in AOI
Previous flooded area	ha		74.8	
Flooded area	ha		103.6	
Estimated population		30	2,162	
Transportation	km	1.2	40.4	
Facilities	ha	0.2	35.3	
Land use	ha	103.5	871.9	

Full table available in the vector package

Map Information

The Australian Continent continues to experience a prolonged rainfall event. This ongoing weather pattern has now impacted most of the state of New South Wales where a large number of the communities within the area are experiencing severe flooding. Continued and extensive rainfall is expected in the areas of interest over the coming days as well as in the northern part of Victoria. Copernicus EMS RM is required to provide Delineation products with a daily monitoring.

The present map shows the flood delineation in the area of Warren (Australia). The thematic layer has been derived from post-event satellite image using a semi-automatic approach. The scale of analysis is 1:10000. The estimated geometric accuracy (RMSE) is 2.5 m or better, from native positional accuracy of the background satellite image. The minimum mapping unit (MMU) is 100 sq. m.

Relevant date records (UTC)

Event	12/10/2022 02:30	Situation as of	14/10/2022 08:44
Activation	12/10/2022 08:17	Map production	14/10/2022

Data sources

Pre-event image: Sentinel-2B (2022) (acquired on 04/09/2022 at 00:15 UTC, GSD 10.0 m, approx. 0% cloud coverage in AOI, 5.7° off-nadir angle) provided under COPERNICUS by the European Union and ESA.

Post-event image: PAZ satellite image © Hidesat Servicios Estratégicos S.A., 2022 (acquired on 14/10/2022 at 08:44 UTC, GSD 1 m), provided under COPERNICUS by the European Union and ESA, all rights reserved.
PAZ satellite image © Hidesat Servicios Estratégicos S.A., 2022 (acquired on 13/10/2022 at 19:35 UTC, GSD 1 m), provided under COPERNICUS by the European Union and ESA, all rights reserved.

Base vector layers: OpenStreetMap © OpenStreetMap contributors (2022), Wikimapia.org, GeoNames 2015, Global Administrative Areas (2012), refined by the producer.

Inset maps: JRC 2013, Natural Earth 2012, GeoNames 2015.

Population data: GHS Population Grid © European Commission, 2022
https://ghsl.jrc.ec.europa.eu/ghs_jrcp2022.php
Digital Elevation Model: SRTM (30 m) (NASA/USGS) provided under COPERNICUS by the European Union and ESA, all rights reserved.

Disclaimer

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Please be aware that the thematic accuracy might be lower in urban and forested areas due to inherent limitations of the SAR analysis technique.

Delivery formats are Layered Geospatial PDF, GeoJPEG and vector (ESRI shapefiles, Google Earth KML, GeoJSON).

Map produced by Telespazio Iberica released by e-GEOS (ODD).

For the latest version of this map and related products visit
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